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| Substitute Form PTO-1449 (Modified) | U.S. Department of Commerce Patent and Trademark Office | Attorney Docket No. 20228-0013US1 | Application No. 10/580,698 |
| Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b)) | | Applicant Damian Fiolka et al. | |
| | | Filing Date November 29, 2006 | Group Art Unit 2872 |

| U.S. Patent Documents | | | | | | | |
|--|-----------|-----------------|------------------|------------------|-------|----------|----------------------------|
| Examiner Initial | Desig. ID | Document Number | Publication Date | Patentee | Class | Subclass | Filing Date If Appropriate |
| /J.C./ | 1 | 4,744,615 | 5/17/1988 | Fan et al. | | | |
|  | 2 | 5,345,292 | 9/6/1994 | Shiozawa et al. | | | |
| | 3 | 5,365,371 | 11/15/1994 | Kamon | | | |
| | 4 | 5,541,026 | 7/30/1996 | Matsumoto | | | |
| | 5 | 5,559,583 | 9/24/1996 | Tanabe | | | |
| | 6 | 5,621,498 | 4/15/1997 | Inoue et al. | | | |
| | 7 | 5,627,626 | 5/6/1997 | Inoue et al. | | | |
| | 8 | 5,663,785 | 9/2/1997 | Kirk et al. | | | |
| | 9 | 5,707,501 | 1/13/1998 | Inoue et al. | | | |
| | 10 | 5,739,898 | 4/14/1998 | Ozawa et al. | | | |
| | 11 | 5,841,500 | 11/24/1998 | Patel | | | |
| | 12 | 6,031,658 | 2/29/2000 | Riza | | | |
| | 13 | 6,211,944 | 4/3/2001 | Shiraishi | | | |
| | 14 | 6,229,647 | 5/8/2001 | Takahashi et al. | | | |
| | 15 | 6,233,041 | 5/15/2001 | Shiraishi | | | |
| | 16 | 6,259,512 | 7/10/2001 | Mizouchi | | | |
| | 17 | 6,361,909 | 3/26/2002 | Gau et al. | | | |
| | 18 | 6,404,482 | 6/11/2002 | Shiraishi | | | |
| | 19 | 6,452,662 | 9/17/2002 | Mulkens et al. | | | |
| | 20 | 6,535,273 | 3/18/2003 | Maul | | | |
| | 21 | 6,538,247 | 3/25/2003 | Iizuka | | | |
| | 22 | 6,583,931 | 6/24/2003 | Hiraiwa et al. | | | |
| | 23 | 6,636,295 | 10/21/2003 | Shiozawa | | | |
| | 24 | 6,769,273 | 8/3/2004 | Nakagawa et al. | | | |
| | 25 | 6,842,223 | 1/11/2005 | Tyminski | | | |
| | 26 | 6,856,379 | 2/15/2005 | Schuster | | | |
| /J.C./ | 27 | 6,913,373 | 7/5/2005 | Tanaka et al. | | | |

| | |
|--|--------------------------------------|
| Examiner Signature /Jade R. Chwasz/ | Date Considered 06/24/2010 |
| EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | |

| | | | |
|---|--|---|--------------------------------------|
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| U.S. Patent Documents | | | | | | | |
|-----------------------|-----------|-----------------|------------------|------------------|-------|----------|----------------------------|
| Examiner Initial | Desig. ID | Document Number | Publication Date | Patentee | Class | Subclass | Filing Date If Appropriate |
| /J.C./ | 28 | 7,038,763 | 5/2/2006 | Mulder et al. | | | |
| | 29 | 7,145,720 | 12/5/2006 | Krahmer et al. | | | |
| | 30 | 2001/0012154 | 8/9/2001 | Schuster | | | |
| | 31 | 2002/0024008 | 2/28/2002 | Iizuka | | | |
| | 32 | 2002/0085176 | 7/4/2002 | Hiraiwa et al. | | | |
| | 33 | 2002/0085276 | 7/4/2002 | Tanitsu et al. | | | |
| | 34 | 2002/0126380 | 9/12/2002 | Schuster | | | |
| | 35 | 2002/0152452 | 10/17/2002 | Socha | | | |
| | 36 | 2002/0176166 | 11/28/2002 | Schuster | | | |
| | 37 | 2002/0177048 | 11/28/2002 | Saitoh et al. | | | |
| | 38 | 2002/0177054 | 11/28/2002 | Saitoh et al. | | | |
| | 39 | 2002/0191288 | 12/19/2002 | Gruner et al. | | | |
| | 40 | 2002/0196416 | 12/26/2002 | Shiraishi | | | |
| | 41 | 2003/0007158 | 1/9/2003 | Hill | | | |
| | 42 | 2003/0038225 | 2/27/2003 | Mulder et al. | | | |
| | 43 | 2003/0053036 | 3/23/2003 | Fujishima et al. | | | |
| | 44 | 2003/0160949 | 8/28/2003 | Komatsuda et al. | | | |
| | 45 | 2004/0012764 | 1/22/2004 | Mulder et al. | | | |
| | 46 | 2004/0184019 | 11/23/2004 | Totzeck et al. | | | |
| | 47 | 2005/0219696 | 10/6/2005 | Albert et al. | | | |
| | 48 | 2005/0264885 | 12/1/2005 | Albert | | | |
| | 49 | 2005/0286038 | 12/29/2005 | Albert et al. | | | |
| | 50 | 2006/0055834 | 3/16/2006 | Tanitsu et al. | | | |
| | 51 | 2006/0072095 | 4/6/2006 | Kudo et al. | | | |
| | 52 | 2006/0092398 | 5/4/2006 | McCarthy | | | |
| | 53 | 2006/0139611 | 6/29/2006 | Wagner et al. | | | |
| /J.C./ | 54 | 2006/0146384 | 7/6/2006 | Schultz et al. | | | |

| | |
|--|--------------------------------------|
| Examiner Signature /Jade R. Chwasz/ | Date Considered 06/24/2010 |
| EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | |

| | | | |
|--|--|---|--------------------------------------|
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| U.S. Patent Documents | | | | | | | |
|-----------------------|-----------|-----------------|------------------|-----------------|-------|----------|----------------------------|
| Examiner Initial | Desig. ID | Document Number | Publication Date | Patentee | Class | Subclass | Filing Date If Appropriate |
| /J.C./ | 55 | 2006/0203214 | 9/14/2006 | Shiraishi | | | |
| ↓ | 56 | 2007/0008511 | 1/11/2007 | DeBoeij et al. | | | |
| | 57 | 2007/0019179 | 1/25/2007 | Fiolka et al. | | | |
| | 58 | 2007/0058151 | 3/15/2007 | Eurlings et al. | | | |
| | 59 | 2007/0081114 | 4/12/2007 | Fiolka et al. | | | |
| | 60 | 2008/0316459 | 12/25/2008 | Fiolka et al. | | | |
| | 61 | 2008/0024747 | 1/31/2008 | Kudo et al. | | | |
| | 62 | 2008/0068572 | 3/20/2008 | Kudo et al. | | | |
| | 63 | 2008/0130109 | 6/5/2008 | Albert et al. | | | |
| | 64 | 2009/0122292 | 5/14/2009 | Shiraishi | | | |
| | 65 | 2009/0147233 | 6/11/2009 | Toyoda | | | |
| | 66 | 2009/0147234 | 6/11/2009 | Toyoda | | | |
| | 67 | 2009/0185156 | 7/23/2009 | Kudo et al. | | | |
| | 68 | 2009/0073414 | 3/19/2009 | Tanitsu et al. | | | |
| | 69 | 2009/0275420 | 11/5/2009 | Tanaka | | | |
| | 70 | 2009/0316132 | 12/24/2009 | Tanitsu et al. | | | |
| | 71 | 2009/0323041 | 12/31/2009 | Toyoda | | | |
| /J.C./ | 72 | 2010/0045957 | 2/25/10 | Fiolka et al. | | | |

| Foreign Patent Documents or Published Foreign Patent Applications | | | | | | | | |
|---|-----------|-----------------|------------------|--------------------------|-------|----------|---------------|----|
| Examiner Initial | Desig. ID | Document Number | Publication Date | Country or Patent Office | Class | Subclass | Translation | |
| | | | | | | | Yes | No |
| /J.C./ | 73 | WO 99/49504 | 9/30/1999 | WIPO | | | Abstract only | |
| /J.C./ | 74 | WO 00/02092 | 1/13/2000 | WIPO | | | Abstract only | |
| /J.C./ | 75 | WO 00/67303 | 11/9/2000 | WIPO | | | Abstract only | |
| /J.C./ | 76 | WO 02/082169 | 10/17/2002 | WIPO | | | | |
| /J.C./ | 77 | WO 02/093209 | 11/21/2002 | WIPO | | | Abstract only | |

| | |
|---|--------------------------------------|
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|---|--------------------------------------|

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| Foreign Patent Documents or Published Foreign Patent Applications | | | | | | | | |
|---|-----------|-----------------|------------------|--------------------------|-------|----------|----------------------------------|----|
| Examiner Initial | Desig. ID | Document Number | Publication Date | Country or Patent Office | Class | Subclass | Translation | |
| | | | | | | | Yes | No |
| /J.C./ | 78 | WO 04/051717 | 6/17/2004 | WIPO | | | Abstract only | |
| /J.C./ | 79 | WO 05/031467 | 4/7/2005 | WIPO | | | | |
| /J.C./ | 80 | WO 05/036619 | 4/21/2005 | WIPO | | | Abstract only | |
| /J.C./ | 81 | WO 05/041277 | 5/6/2005 | WIPO | | | Abstract only | |
| /J.C./ | 82 | WO 05/069081 | 7/28/2005 | WIPO | | | | |
| /J.C./ | 83 | EP 0 764 858 | 8/30/1996 | EP | | | Abstract only | |
| /J.C./ | 84 | JP 61-091662 | 5/9/1986 | Japan | | | Abstract only | |
| /J.C./ | 85 | JP 62-265722 | 11/18/1987 | Japan | | | Abstract only | |
| /J.C./ | 86 | JP 04-101148 | 4/2/1992 | Japan | | | Abstract only | |
| /J.C./ | 87 | JP 04-225357 | 8/14/1992 | Japan | | | Abstract only | |
| /J.C./ | 88 | JP 05-109601 | 4/30/1993 | Japan | | | English Abstract and Translation | |
| /J.C./ | 89 | JP 05-283317 | 10/29/1993 | Japan | | | English Abstract and Translation | |
| /J.C./ | 90 | JP 05-326370 | 12/10/1993 | Japan | | | English Abstract and Translation | |
| /J.C./ | 91 | JP 06-124873 | 5/6/1994 | Japan | | | English Abstract and Translation | |
| /J.C./ | 92 | JP 06-196388 | 7/15/1994 | Japan | | | English Abstract and Translation | |
| /J.C./ | 93 | JP 06-204121 | 7/22/1994 | Japan | | | English Abstract and Translation | |
| /J.C./ | 94 | JP 07-283119 | 10/27/1995 | Japan | | | English Abstract and Translation | |
| /J.C./ | 95 | JP 07-307268 | 11/21/1995 | Japan | | | English Abstract and Translation | |

| | |
|---|--------------------------------------|
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|---|--------------------------------------|

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|---|-----------|-----------------|------------------|--------------------------|-------|----------|----------------------------------|----|
| Examiner Initial | Desig. ID | Document Number | Publication Date | Country or Patent Office | Class | Subclass | Translation | |
| | | | | | | | Yes | No |
| /J.C./ | 96 | JP 09-184918 | 7/15/1997 | Japan | | | English Abstract and Translation | |
| /J.C./ | 97 | JP 09-219358 | 8/19/1997 | Japan | | | English Abstract and Translation | |
| /J.C./ | 98 | JP 10-303114 | 11/13/1998 | Japan | | | English Abstract and Translation | |
| /J.C./ | 99 | JP 10-104427 | 4/24/1998 | Japan | | | English Abstract and Translation | |
| /J.C./ | 100 | JP 11-54426 | 2/26/1999 | Japan | | | English Abstract and Translation | |
| /J.C./ | 101 | JP 2000-114157 | 4/21/2000 | Japan | | | English Abstract and Translation | |
| /J.C./ | 102 | JP 2001-274083 | 10/5/2001 | Japan | | | English Abstract and Translation | |
| /J.C./ | 103 | JP 32-46615 | 11/2/2001 | Japan | | | English Abstract and Translation | |
| /J.C./ | 104 | JP 2002-75835 | 3/15/2002 | Japan | | | English Abstract and Translation | |
| /J.C./ | 105 | JP 2002-075816 | 3/15/2002 | Japan | | | English Abstract and Translation | |
| /J.C./ | 106 | JP 2002-231619 | 8/16/2002 | Japan | | | English Abstract and Translation | |
| /J.C./ | 107 | JP 2002-324743 | 11/8/2002 | Japan | | | English Abstract and Translation | |
| /J.C./ | 108 | JP 2002 334836 | 11/22/2002 | Japan | | | English Abstract and Translation | |
| /J.C./ | 109 | JP 2003-35822 | 2/7/2003 | Japan | | | English Abstract and Translation | |

| | |
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| Foreign Patent Documents or Published Foreign Patent Applications | | | | | | | | |
|---|-----------|-----------------|------------------|--------------------------|-------|----------|----------------------------------|----|
| Examiner Initial | Desig. ID | Document Number | Publication Date | Country or Patent Office | Class | Subclass | Translation | |
| | | | | | | | Yes | No |
| /J.C./ | 110 | JP 2003-059821 | 2/28/2003 | Japan | | | English Abstract and Translation | |
| /J.C./ | 111 | JP 2003 297727 | 10/17/2003 | Japan | | | English Abstract and Translation | |
| /J.C./ | 112 | JP 2004-179172 | 6/24/2004 | Japan | | | English Abstract and Translation | |

| Other Documents (include Author, Title, Date, and Place of Publication) | | |
|---|-----------|--|
| Examiner Initial | Desig. ID | Document |
| /J.C./ | 113 | Bruner et al., "High NA Lithographic Imaging at Brewster's Angle," SPIE (USA), Vol. 4691, pp.1-10, 2002 |
| /J.C./ | 114 | Fused quartz, http://en.wikipedia.org/wiki/Fused_quartz , August 27, 2009 |
| /J.C./ | 115 | Copy of International Search Report for International Application No. PCT/EP05/050981, dated July 28, 2005. |
| /J.C./ | 116 | Copy of International Preliminary Report on Patentability for International Application No. PCT/EP05/050981, dated November 29, 2006 |
| /J.C./ | 117 | Copy of EP office action, for the corresponding EP Application No. 05 706 888.4, dated March 3, 2008 |
| /J.C./ | 118 | Copy of Chinese Office Action with English translation for the corresponding Chinese Application No. 200580002241.9, filed January 14, 2005, dated December 5, 2008 |
| /J.C./ | 119 | Copy of Chinese Office Action with English translation, for the corresponding Chinese Application No. 200580002241.9, filed January 14, 2005, dated May 9, 2008 |
| /J.C./ | 120 | Copy of the International Preliminary Report on Patentability for the corresponding PCT application PCT/EP2005/000320, filed January 14, 2005 , dated July 17, 2006 |

| | |
|--|--------------------------------------|
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